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ExxonMobil

To **Honorable Commissioner of Patents and Trademarks**

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From **Shannon Maiocchi**
Law Department-Downstream

Date January 9, 2004

Re Assignment Recordation for ussn 10/680,920

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Exxon Mobil Corporation
Law Department-Downstream
Room 124
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Baton Rouge, LA 70805
(225) 977 8312 Telephone
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ASSIGNMENT
INVENTOR or INVENTORS:

Leo D. Brown Peter S. Maa William N. Olmstead Michael Siskin

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

METHOD FOR DETERMINING THE SOURCE OF FOULING IN THERMAL CONVERSION PROCESS UNITS

said application having been executed on the 2nd day(s) of December 2003 and being further identified as Case Number ESW-0308; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date 10/28/03 Inventor Leo D. Brown (LS) Witness Kenneth J. Riley

Date 10/30/03 Inventor Peter S. Maa (LS) Witness Richard A. Hallett

Date 12/02/03 Inventor William N. Olmstead (LS) Witness David T. Fernyhough

Date 12/2/03 Inventor [signature] (LS) Witness David T. Fernyhough

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

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